Math 10-03 **Elementary Statistics** **SUMMER 2019**

Instructors NADIA BENSIDI
Days and Time Monday-Friday, 9:30-10:20 pm **Room MLC 113**
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Office Hours

READ THROUGH THIS ENTIRE SYLLABUS SO THAT YOU ARE FAMILIAR WITH THE CLASS AND ITS MANY DETAILS.
This is a demanding, but rewarding class. If you cannot commit to a minimum of 15 hours per week of study and group work, then you should take this class in a quarter when you have more time to learn. This is also a collaborative class. You will be expected to work with your classmates both inside and outside of class.

Prerequisite: Passing grade (C or better) in Intermediate Algebra or placement exam; Advisory: English Writing 100 and Reading 100 (or Language Arts 100), or English as a Second Language equivalent courses.

Text: The textbook for this course is the Introductory Statistics from OpenStax and is available for **FREE**at: http://openstaxcollege.org/textbooks/introductory-statistics You can use the book online or download a pdf file.

Related Materials: 1) A graphing calculator is required: TI 84 or TI-84+. You may use a TI83 or TI 83+ if you already have one
2) **You need to buy a course material available in the De Anza bookstore.**

Quizzes: Some quizzes will be on line and some in class.

Labs: They are activity assignments called labs. They make use of the calculator. You will be working collaboratively with partners. You will turn in one paper per group. No make-ups or late papers will be accepted.

Homework: The Homework is mandatory. The Homework will be available and graded online at WebAssign (http://webassign.net). You will need to purchase a code to access the Webassign homework. The lowest score will be dropped.

Exams: 4 exams will be given. Each exam is multiple choices and worth 50 points. Bring a Score Sheet (# 1712-PAR-L at bookstore). No make-ups are given. Exams are closed book. Students may bring to the exam one 8" x 11" page of notes, and the calculator.

Final Exam:** A two-hour comprehensive exam will be given and worth 100points. If you miss the final exam, you will receive an F for the course. Bring a Score Sheet (# 1712-PAR-L). Students may bring 2 pages of notes to the final.

** The final exam counts as two test exams. Therefore they are like six exams and the lowest exam score will be dropped.

Grades:

Homework	50pts	A+:	95% and above	A: 90%-94%
Quizzes	50pts	B+:	86%-89%	B: 78%-85%
Labs	30pts	C+:	76%-77%	C: 68-75%
Exams	150pts	D:	60-67%	
Final**	100pts	F:	below 60%	
TOTAL:	**380pts**			

Topics to Skip

Ch 3: Venn diagrams
Ch 4: Geometric, Hypergeometric, Poisson Distributions
Ch5: Conditional probability for Uniform distribution
Ch 7: Central Limit Theorem for Sums
Ch 11: Test of variance
Ch 13 Test of two variances

Miscellaneous

Take-home papers will not be graded unless they are **STAPLED** (no doggy-ears/folded corners, or paper clips) before class. All papers turned in must be NEAT to earn full credit.

CELL PHONES, Any electronic device (except your calculator) must be turned off and put away during class. Absolutely no noise from them If one goes off during a quiz or exam, you WILL HAVE your paper taken from you.

Tutors are available in S–43, the math and science tutoring center. Go to S-43 to sign up for tutoring. Students are encouraged to form study groups. Go to S–43 for help in creating a group with a tutor.

Papers are due by the start of class on the due date. They may be turned in earlier, but THEY WILL NOT BE ACCEPTED LATE.

Your grade is based on points and not a "curve."

We expect you to answer word problems and questions with complete English sentences.

CHEATING WILL NOT BE TOLERATED. If anyone is caught cheating, he or she will pay the consequences. That includes the possibility of being expelled from the college.

Student Services:

http://www.deanza.edu/studentservices/

De Anza College has many support services to help you succeed in college. This web site leads you to information about financial aid, child care, counseling, academic support, disability support, student activities, and other services that are here for you. The physical location for most of these services is in the Student Community Services Building.

TENTATIVE SCHEDULE SUMMER 2019

	Monday	Tuesday	Wednesday	Thursday
July 1ST-4TH	CH1	CH1/CH2	QUIZ CH1 CH2	4TH OF JULY NO SCHOOL
8TH-11TH	**LAB CH2** CH3	CH3 REVIEW EX1	***EXAM1:CH1,2,3*** CH 4	QUIZ CH4
15TH-18TH	CH5	CH6 REVIEW EXAM2	***EXAM2:CH4,5,6***	CH7/CH8
22ND-25TH	CH8	**LAB CH8** CH8/CH9	CH9 REVIEW EXAM3	***EXAM3:CH7,8,9***
JULY/AUGUST 29TH-1ST	CH10	QUIZ CH10 CH10/CH11	**LAB CH11** CH12	QUIZ CH12 CH12 REVIEW EX4
5TH-8TH	***EXAM4:CH10,11,12*** CH13	CH13	QUIZ CH13 FINAL REVIEW	FINALEXAM CH1-CH13

Last day to add: 7/7/19

Last day to drop w/o W: 7/8/19

Last day to drop with W: 7/31/19

Student Learning Outcome(s):

*Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.

*Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.

*Collect data, interpret, compose and defend conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.